

SURVEYED BY
SUPERVISED BY.....
DESIGNED BY.....

DESIGN FEATURES RELATING TO CONSTRUCTION
OR TO REGULATION AND CONTROL OF TRAFFIC
MAY BE SUBJECT TO CHANGE AS DEEMED
NECESSARY BY THE DEPARTMENT

REVISED	STATE	FEDERAL AID PROJECT	ROUTE	STATE PROJECT	SHEET NO.
7/17/08	VA.		7		14(1)

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Notes

A. SIGNS

- EXISTING SIGNS WITHIN THE LIMITS OF THE CONTRACT WHICH HAVE NOT BEEN ACCOUNTED FOR IN THE PLAN SHALL BE RELOCATED OR REMOVED AS DIRECTED BY THE ENGINEER.
- ALL COMPONENTS OF AN EXISTING SIGN INSTALLATION WHICH ARE REMOVED SHALL BE PROPERLY DISPOSED OF BY THE CONTRACTOR AT AN OFF-SITE LOCATION.
- CONTRACTOR SHALL MAINTAIN ALL SIGNING WITHIN THE LIMITS OF CONSTRUCTION SHOWN OR OTHERWISE,UNLESS DIRECTED BY THE ENGINEER. IF REMOVED,THE CONTRACTOR SHALL STORE THE SIGNS PER VDOT STANDARDS,AND REPLACE THEM AT THE COMPLETION OF THE PROJECT.
- REFLECTIVE SHEETING ON OVERHEAD SIGNS SHALL BE TYPE IX SHEETING (3M OR EQUIVALENT).

B. PAVEMENT MARKINGS AND PAVEMENT MARKERS

- ALL PAVEMENT LINE MARKINGS SHALL BE TYPE B,CLASS I.
- ANY EXISTING PAVEMENT MARKINGS WHICH WILL CONFLICT WITH PROPOSED PAVEMENT MARKINGS SHALL BE COMPLETELY ERADICATED.
- LIMITS OF PROPOSED PAVEMENT MARKINGS SHOWN ARE APPROXIMATE AND SHALL BE MODIFIED IN THE FIELD UNTIL EXISTING MARKINGS CAN BE MATCHED.

Pavement Marking Legend

DESCRIPTION	WHITE	YELLOW
DASHED LINE - 4"	10' 30' 10'	(A) (M)
SOLID LINE - 4"		(B) (G)
SOLID LINE - 8"		(C) (J)
SOLID LINE - 12"		(D) (H)
SOLID LINE - 24"		(E) (L)
DOTTED LINE - 4"	2' DOT-10' SPACE	(F) (K)
DBL SOLID LINE - 4"	3' DOT-12' SPACE	(N)
DOTTED LINE - 8"		
PVT MKG MESSAGE		

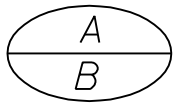
Signing Legend

DESCRIPTION	SYMBOL
SIGN NO.	(208 32)
TEXT NO.	
ROAD EDGE DELINEATOR ED-3,TYPE I,D-I	
SIGN LOCATION (ONE POST)	
SIGN LOCATION (TWO POSTS)	
O/H SIGN STRUCTURE - CANTILEVER	
O/H SIGN STRUCTURE - SPAN	
O/H SIGN STRUCTURE - BRIDGE MOUNTED	

NOTES FOR SAFETY IMPROVEMENT ITEMS

GENERAL NOTES

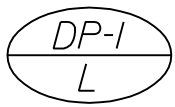
- Unless otherwise specified,the Contractor shall have the option of re-furbishing framing members on existing sign panels or furnishing new sign panels with corresponding sign message for mounting on new breakaway post.
- Unless otherwise approved by the Engineer,existing traffic signs which are to be removed shall remain in place until the new sign structure and critical sign message are in place.
- Existing lights shall be relocated or adjusted to conform with the new sign location(s).All costs for relocation or adjustment of existing lights shall be included in price bid for replacement of sign.
- Definition of Symbols:



A.The top section indicates the type of structure.(See DEFINITION OF TYPES)

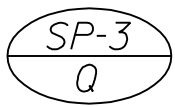
B.The bottom section indicates the Measurement & Payment Item (See MEASUREMENT & PAYMENT ITEMS)

EXAMPLE:



O/H Double Pole 50 - 75 LF

REMOVE & DISPOSE OF O/H SIGN STRUCTURE,TYPE (DP-1)



Sign Panel 201 - 300 SF

RELOCATE EXISTING SIGN PANEL,TYPE (SP-3)

- The Contractor is hereby advised that all existing mercury vapor luminaires on all existing O/H sign structures to be removed are presumed to be salvageable and therefore may be reused on all proposed O/H structures.This work concerning relocating and installing existing mercury vapor luminaires to the proposed O/H sign structures shall be in accordance with "Section 705 - Electrical Systems" and in reasonably close conformity with the lines and details shown on the plans or established by the Engineer.All costs for relocating and installing existing mercury vapor luminaires to the proposed O/H sign structures and any necessary materials associated with this work,or for furnishing and installing new mercury vapor luminaires shall be included in the price bid for the O/H sign structures.
- Unless otherwise indicated on the plans,all breakaway sign structures shall be located within 25 feet of the signs current field location or as directed by the Engineer.

MEASUREMENT & PAYMENT ITEMS

G. REMOVE AND DISPOSE OF SIGN STRUCTURE,TYPE (),

will be measured in units of each and paid for at the contract unit price per each,which price shall be full compensation for removal and disposal of sign panels,posts and foundations to at least two feet below existing ground line,backfilling and restoration (topsoiling and seeding),and for all materials,labor,tools,equipment and incidentals necessary to complete the work.

Q. RELOCATE EXISTING SIGN PANEL,TYPE (),

will be measured in units of each and paid for at the contract unit price per each,which price shall be full compensation for removing existing panel,refurbishing framing members,furnishing and installing necessary back panels,erecting existing sign panel to new breakaway posts,and for all materials,labor,tools,equipment and incidentals necessary to complete the work.

DEFINITION OF TYPES

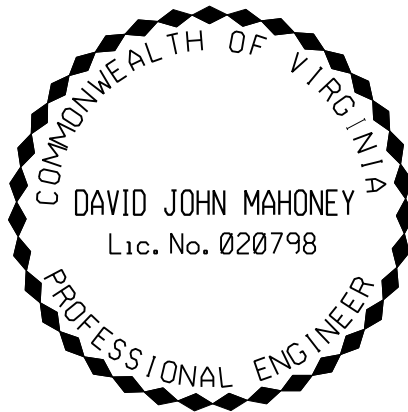
TYPE	DESCRIPTION	SIZE
DP-1	O/H Double Pole	50 - 75 LF
DP-2	O/H Double Pole	76 - 101 LF
DP-3	O/H Double Pole	102 - 127 LF
DP-4	O/H Double Pole	128 - 153 LF
DP-5	O/H Double Pole	154 - 179 LF
DP-6	O/H Double Pole	180 - 205 LF
CS-1	O/H Single Arm Cantilever	25 - 40 LF
CS-2	O/H Single Arm Cantilever	41 - 60 LF
BM	O/H Bridge Mount	EA
VA	Breakaway Single Metal Pole	EA
VIA	Breakaway Two Metal Poles	EA
VIA3	Breakaway Three Metal Poles	EA
WP-1	Single Wood Post	EA
WP-2	Two Wood Posts	EA
SP-1	Sign Panel	0 - 100 SF
SP-2	Sign Panel	101 - 200 SF
SP-3	Sign Panel	201 - 300 SF
SP-4	Sign Panel	301 - 400 SF
SP-5	Sign Panel	401 - 500 SF
SP-6	Sign Panel	501 - 600 SF

OVERHEAD SIGN SUPPORT DATA SUMMARY

OVERHEAD SIGN SUPPORT		SPAN LENGTH	SIGN PANEL				SIGN PANEL ATTACHMENT DETAILS			ALTERNATE SIGN PANEL ATTACHMENT DETAILS		
LOCATION NO.	TYPE		TEXT NO.	SIGN NO.	W	H	ZEE BAR			STIFFENER (LARGE)		
							c	d	NO.	c	d	NO.
1	CANTILEVER	28'-6"	52	-	15'-6"	12'-6"	12"	3'-6"	4	0"	15"	11
2	CANTILEVER	24'-6"	53	-	19'-0"	13'-0"	18"	3'-4"	1	0"	13"	13
3	CANTILEVER	44'-0"	55 56	-	16'-6" 16'-0"	13'-0" 15'-0"	18" 18"	3'-4" 3'-0"	1 1	2" 2"	8" 11"	20 17
4	CANTILEVER	43'-9"	57 58	-	17'-0" 15'-6"	15'-0" 13'-0"	18" 18"	3'-0" 3'-4"	1 1	0" 3"	6" 15"	31 11
5	CANTILEVER	28'-6"	54	-	19'-0"	11'-0"	18"	4'-0"	3	1"	13"	11
6	CANTILEVER	22'-3"	52	-	15'-6"	12'-6"	12"	3'-6"	4	0"	15"	11

TYPE VIA SIGN STRUCTURE DETAILS

SIGN STRUCTURE TYPE VIA	SIGN PANEL DIMENSIONS		TYPICAL SIGN PANEL ATTACHMENT DETAILS								ALTERNATE SIGN PANEL ATTACHMENT DETAILS					SUPPORT																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
			a	b	c	d	ZEE		TEE	CLAMPS	a	b	c	d	STIFFENER		POST	POST LENGTH			ANCHOR BOLTS		BASE CONNECTION DATA TABLE								FUSE AND HINGE PLATE DATA TABLE					BOLT KEEPER PLATE DATA TABLE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
	NO.	SIZE					NO.	NO.							NO.	SIZE		SHAPE	NO.1	NO.2	NO.3	DIA.	TORQUE IN.-LBS.	A	B	C	D	E	t1	t2	W	R	BOLT DIA.	a	b	c	d	g	g/2	BOLT DIA.	A	B	C	D	E																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
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PLAN NO.	PROJECT	FILE NO.	SHEET NO. 14(1)
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